

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042121\
 Data File : BG048827.D
 Acq On : 21 Apr 2021 20:06
 Operator : CG/JU
 Sample : M1982-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-1

Quant Time: Apr 22 01:01:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 17:33:30 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

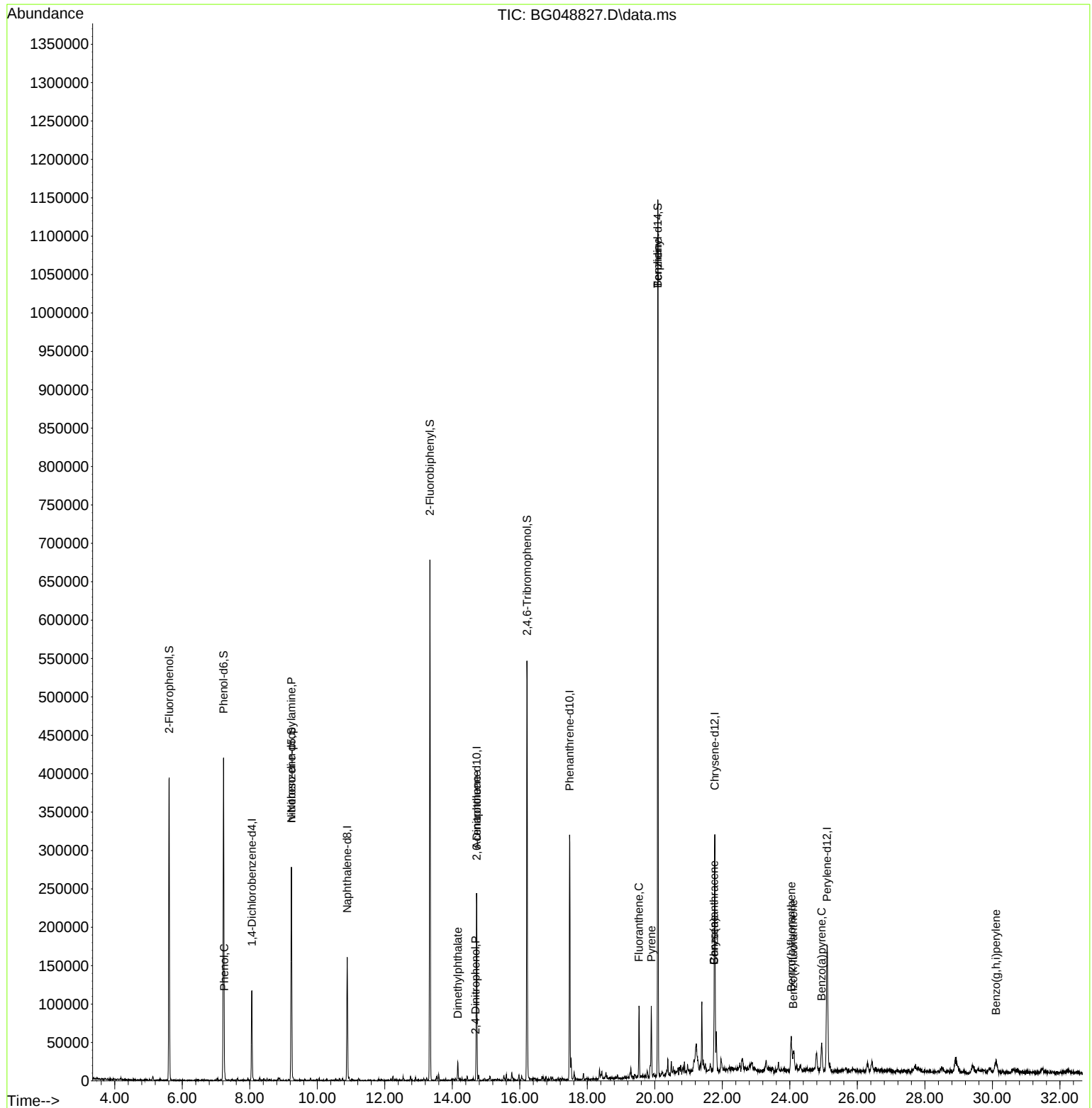
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	30179	20.00	ng	0.00
21) Naphthalene-d8	10.889	136	125375	20.00	ng	0.00
39) Acenaphthene-d10	14.720	164	84667	20.00	ng	0.00
64) Phenanthrene-d10	17.475	188	197865	20.00	ng	# 0.00
76) Chrysene-d12	21.776	240	178067	20.00	ng	# 0.00
86) Perylene-d12	25.102	264	175187	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.613	112	155105	85.96	ng	0.00
7) Phenol-d6	7.223	99	202114	79.19	ng	0.00
23) Nitrobenzene-d5	9.232	82	155669	55.59	ng	0.00
42) 2,4,6-Tribromophenol	16.218	330	85718	75.51	ng	0.00
45) 2-Fluorobiphenyl	13.339	172	323679	55.21	ng	0.00
79) Terphenyl-d14	20.090	244	501813	48.50	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.246	94	5301	2.11	ng	91
19) n-Nitroso-di-n-propyla...	9.232	70	24855	14.43	ng	# 68
50) Dimethylphthalate	14.168	163	14040	2.21	ng	97
51) 2,6-Dinitrotoluene	14.726	165	12042	8.22	ng	# 14
54) 2,4-Dinitrophenol	14.690	184	55	5.34	ng	# 8
75) Fluoranthene	19.532	202	58911	4.54	ng	96
77) Benzidine	20.090	184	10097	2.09	ng	# 92
78) Pyrene	19.896	202	55065	4.47	ng	97
81) Benzo(a)anthracene	21.753	228	33907	2.79	ng	97
83) Chrysene	21.753	228	33907	2.93	ng	96
88) Benzo(b)fluoranthene	24.044	252	54925	4.62	ng	# 91
89) Benzo(k)fluoranthene	24.097	252	22588	2.02	ng	# 98
90) Benzo(a)pyrene	24.937	252	39133	3.57	ng	# 95
92) Benzo(g,h,i)perylene	30.108	276	33218	3.05	ng	# 83

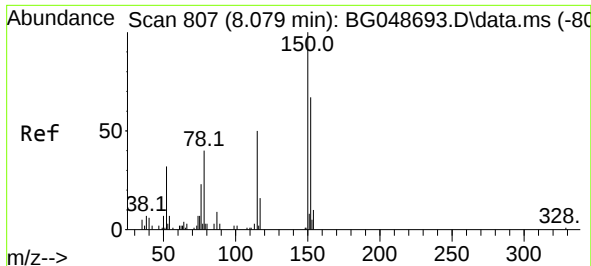
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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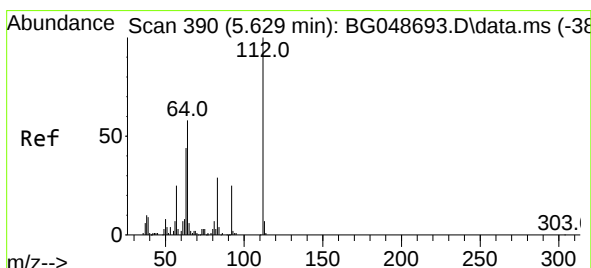
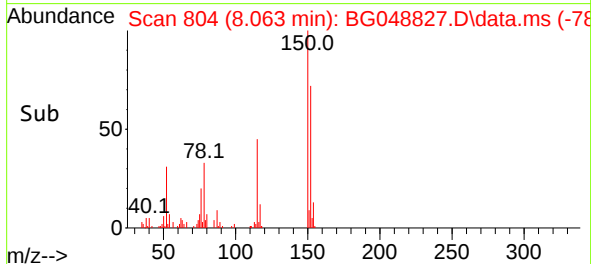
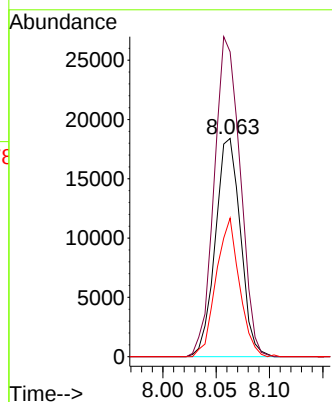
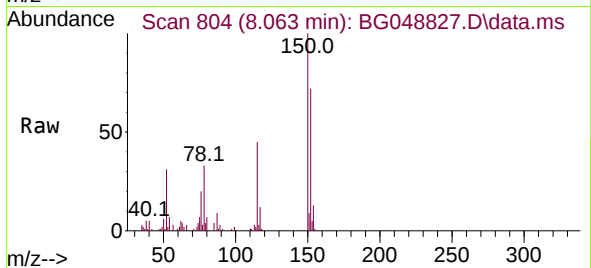




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.063 min Scan# 804
Delta R.T. 0.002 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

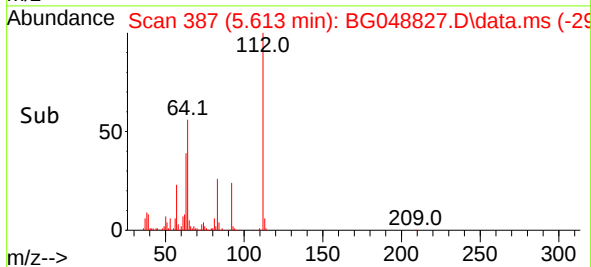
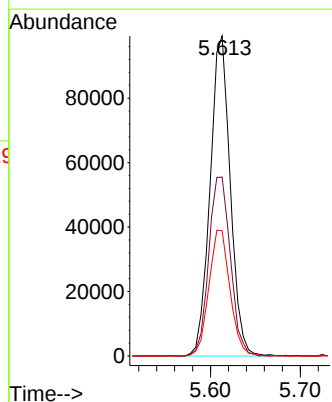
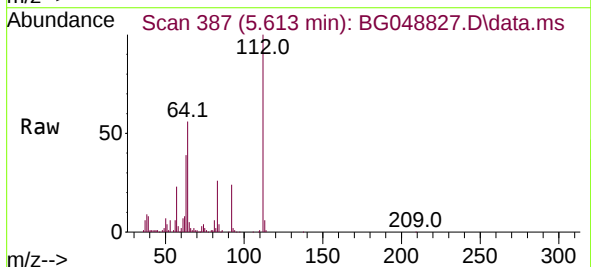
Instrument :
BNA_G
ClientSampled :
WC-1

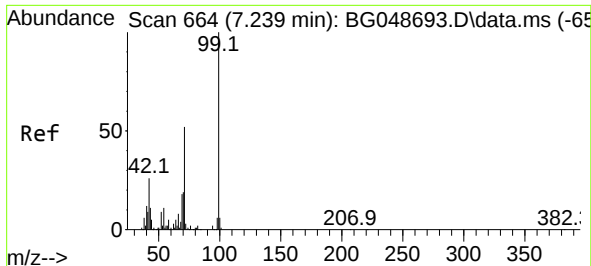
Tgt Ion:152 Resp: 30179
Ion Ratio Lower Upper
152 100
150 139.7 119.4 179.0
115 63.5 60.2 90.4



#5
2-Fluorophenol
Concen: 85.96 ng
RT: 5.613 min Scan# 387
Delta R.T. 0.008 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

Tgt Ion:112 Resp: 155105
Ion Ratio Lower Upper
112 100
64 55.9 46.7 70.1
63 39.2 35.3 52.9

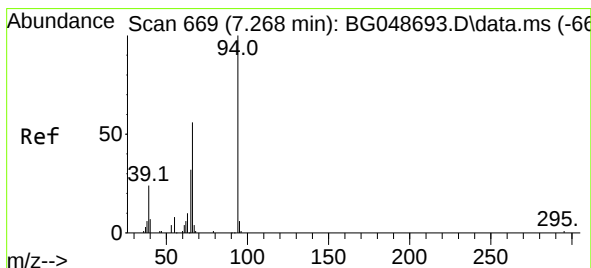
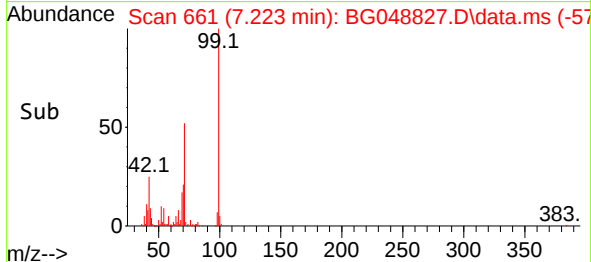
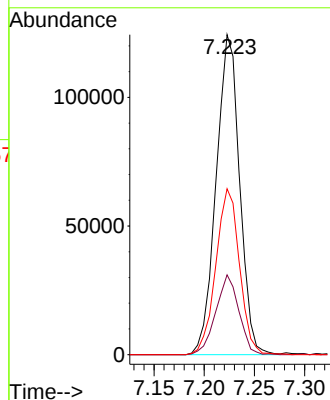
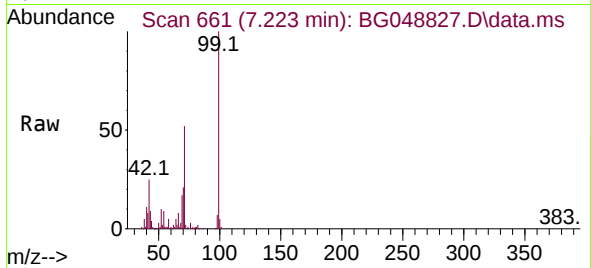




#7
Phenol-d6
Concen: 79.19 ng
RT: 7.223 min Scan# 661
Delta R.T. 0.002 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

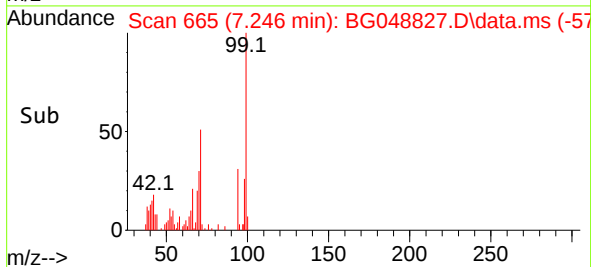
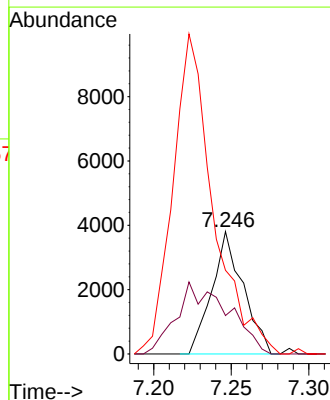
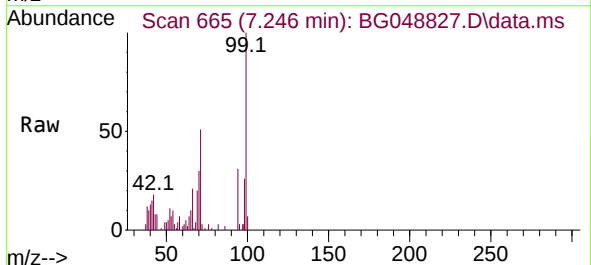
Instrument :
BNA_G
ClientSampleId :
WC-1

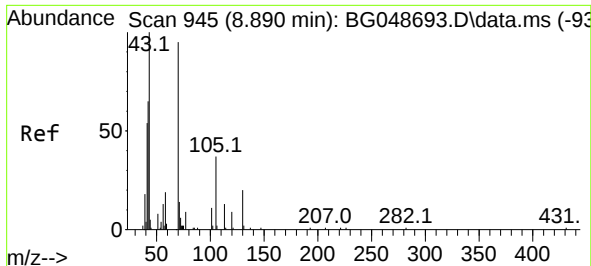
Tgt Ion: 99 Resp: 202114
Ion Ratio Lower Upper
99 100
42 24.9 20.5 30.7
71 51.9 41.5 62.3



#10
Phenol
Concen: 2.11 ng
RT: 7.246 min Scan# 665
Delta R.T. -0.004 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

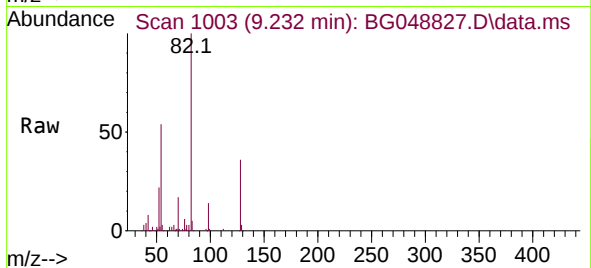
Tgt Ion: 94 Resp: 5301
Ion Ratio Lower Upper
94 100
65 31.4 12.9 52.9
66 68.4 39.4 79.4



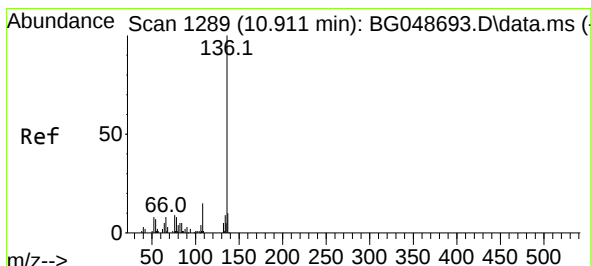
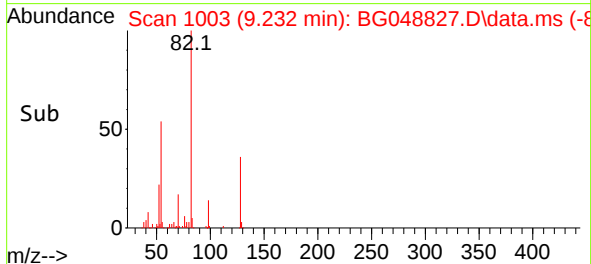
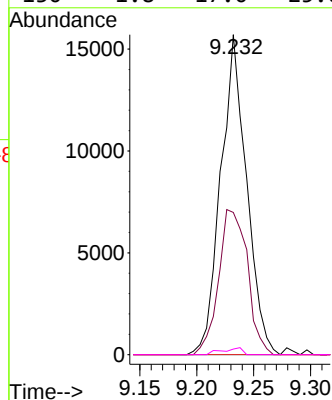


#19
n-Nitroso-di-n-propylamine
Concen: 14.43 ng
RT: 9.232 min Scan# 1003
Delta R.T. 0.360 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

Instrument :
BNA_G
ClientSampleId :
WC-1

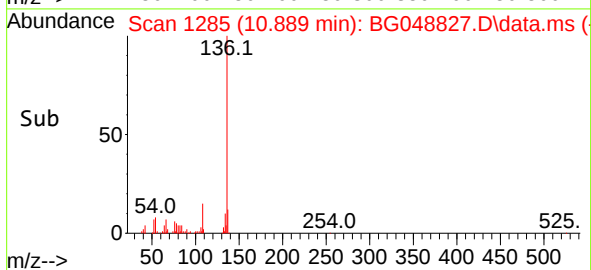
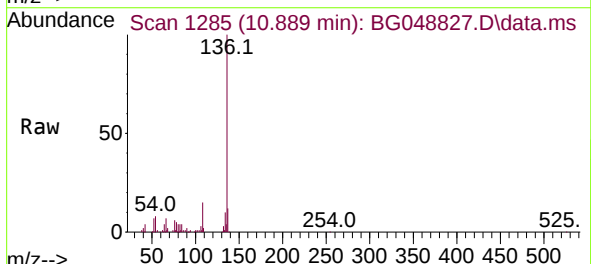
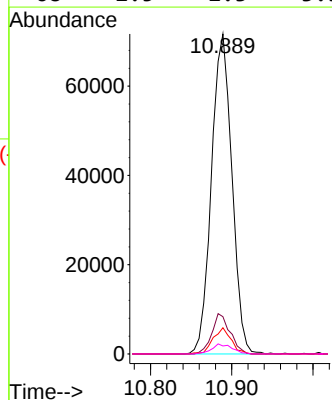


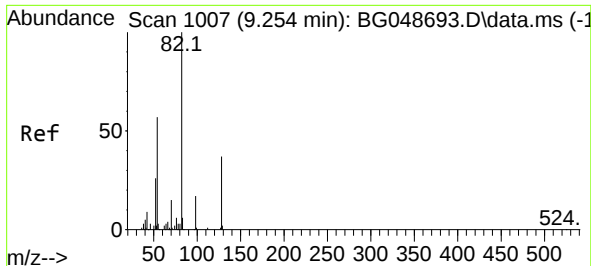
Tgt Ion: 70 Resp: 24855
Ion Ratio Lower Upper
70 100
42 44.5 54.5 81.7#
101 0.0 9.0 13.6#
130 1.8 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.889 min Scan# 1285
Delta R.T. -0.004 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

Tgt Ion:136 Resp: 125375
Ion Ratio Lower Upper
136 100
137 11.7 8.2 12.2
54 8.2 5.5 8.3
68 2.5 2.3 3.5

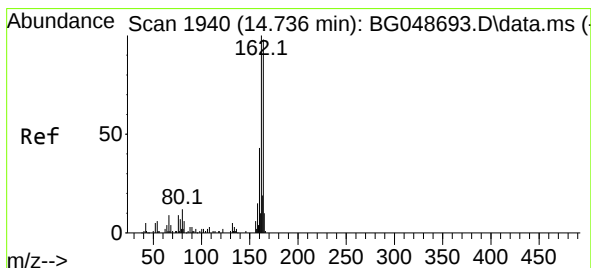
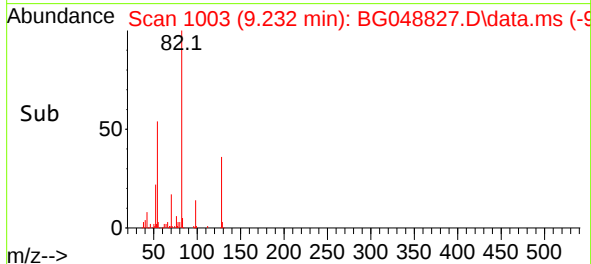
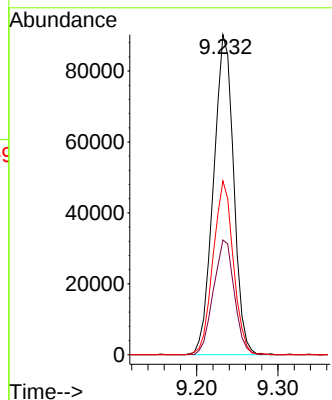
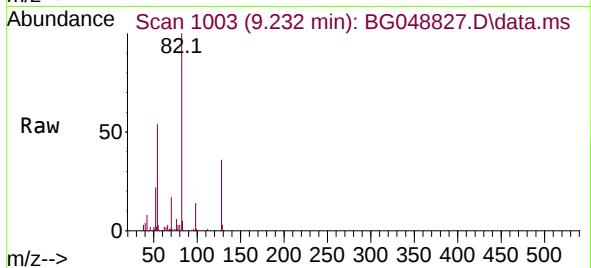




#23
Nitrobenzene-d5
Concen: 55.59 ng
RT: 9.232 min Scan# 1003
Delta R.T. -0.004 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

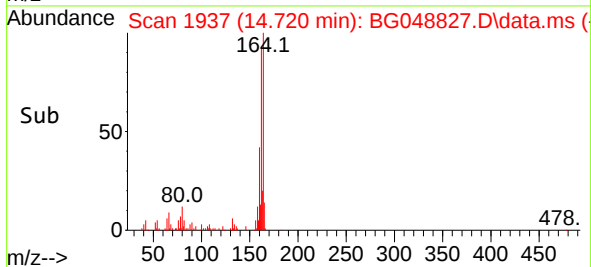
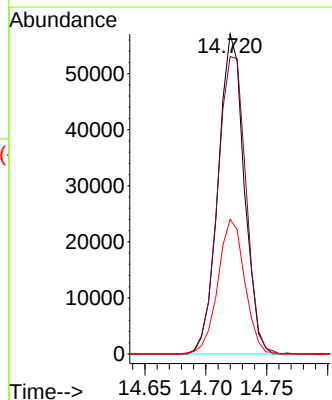
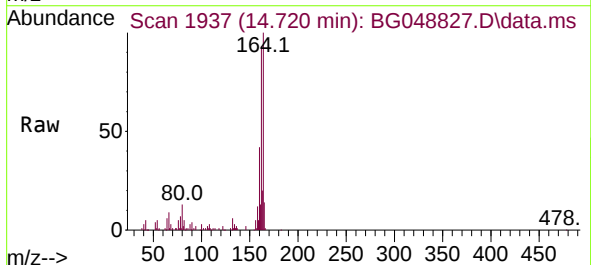
Instrument :
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ClientSampleId :
WC-1

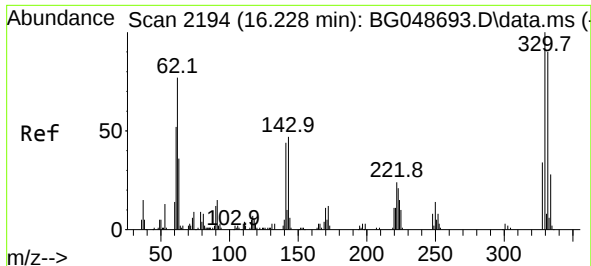
Tgt Ion: 82 Resp: 155669
Ion Ratio Lower Upper
82 100
128 35.9 29.8 44.6
54 54.3 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.720 min Scan# 1937
Delta R.T. -0.004 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

Tgt Ion:164 Resp: 84667
Ion Ratio Lower Upper
164 100
162 92.9 81.4 122.0
160 42.1 34.9 52.3

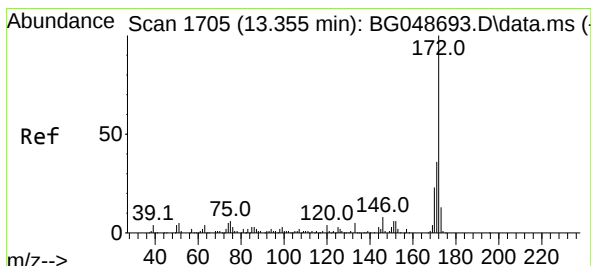
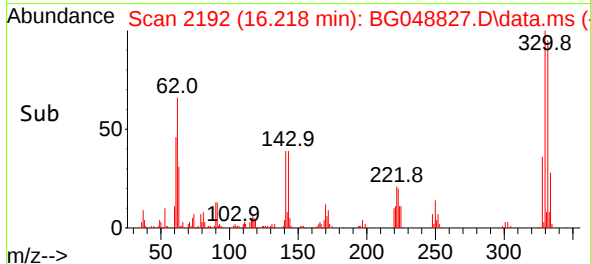
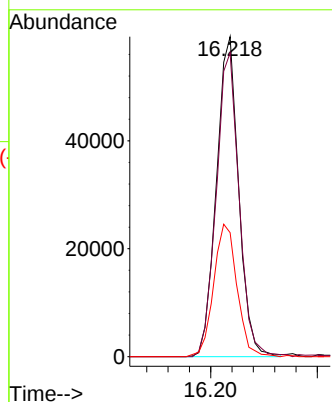
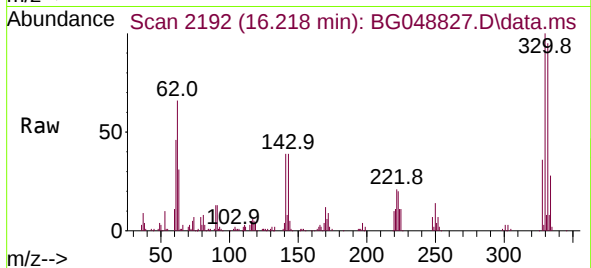




#42
2,4,6-Tribromophenol
Concen: 75.51 ng
RT: 16.218 min Scan# 2192
Delta R.T. 0.002 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

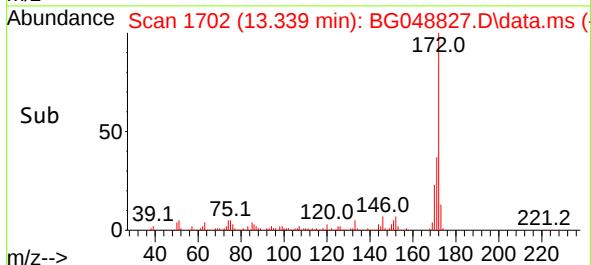
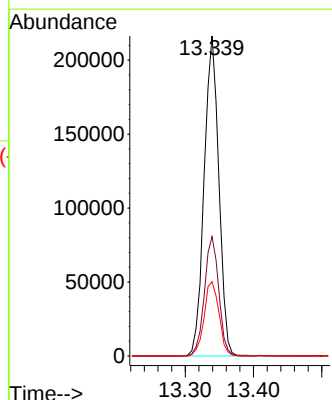
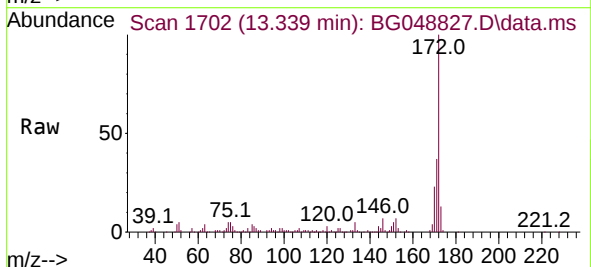
Instrument :
BNA_G
ClientSampleId :
WC-1

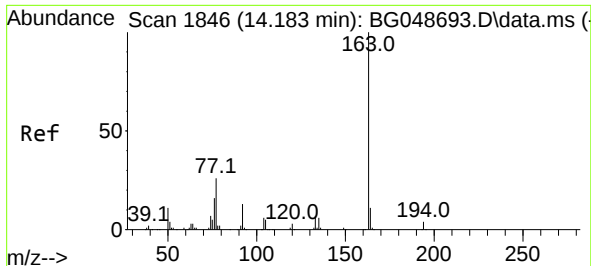
Tgt Ion:330 Resp: 85718
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 43.5 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 55.21 ng
RT: 13.339 min Scan# 1702
Delta R.T. -0.004 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

Tgt Ion:172 Resp: 323679
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 23.2 18.6 27.8

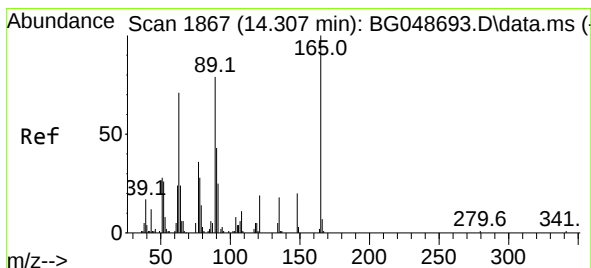
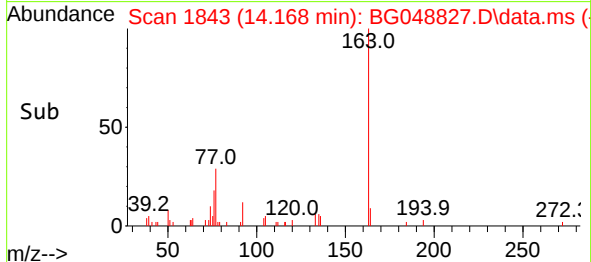
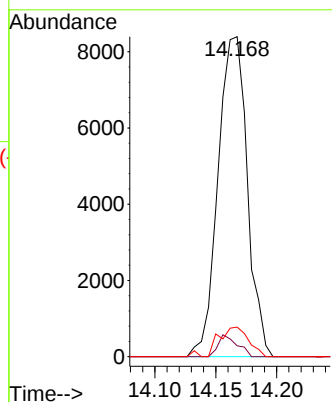
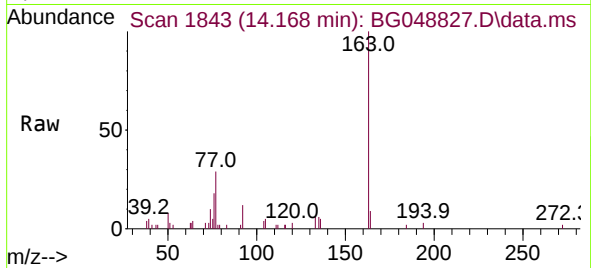




#50
Dimethylphthalate
Concen: 2.21 ng
RT: 14.168 min Scan# 1843
Delta R.T. -0.004 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

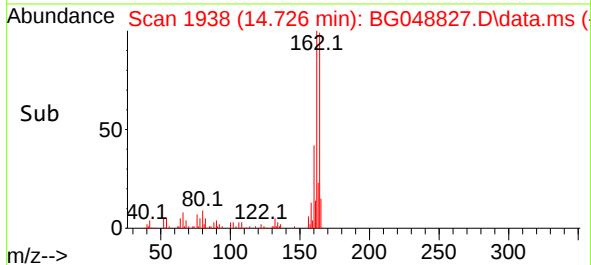
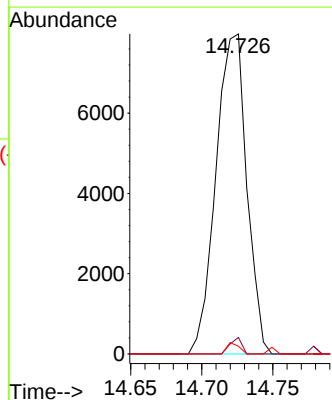
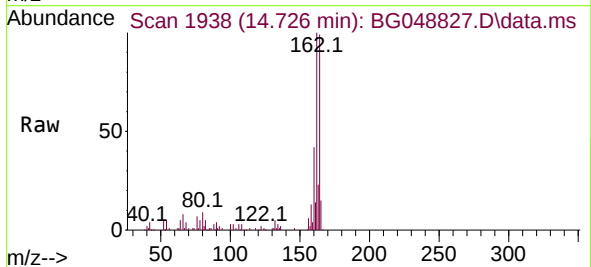
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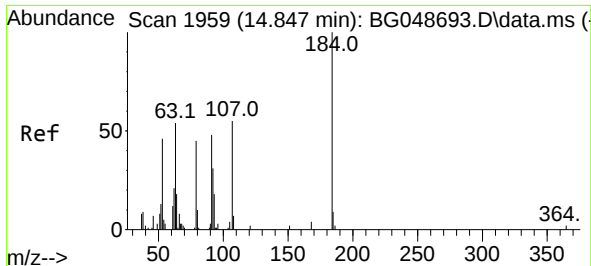
Tgt Ion:163	Resp:	14040
Ion Ratio	Lower	Upper
163	100	
194	3.4	3.0 4.6
164	9.3	8.6 12.8



#51
2,6-Dinitrotoluene
Concen: 8.22 ng
RT: 14.726 min Scan# 1938
Delta R.T. 0.431 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

Tgt Ion:165	Resp:	12042
Ion Ratio	Lower	Upper
165	100	
63	5.2	63.3 94.9#
89	2.4	63.4 95.0#

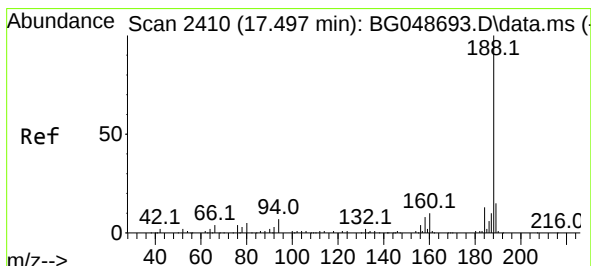
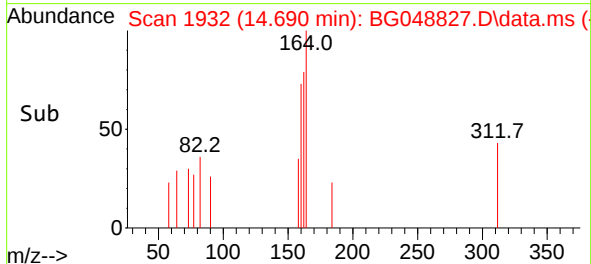
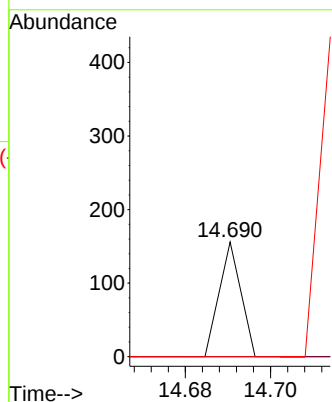
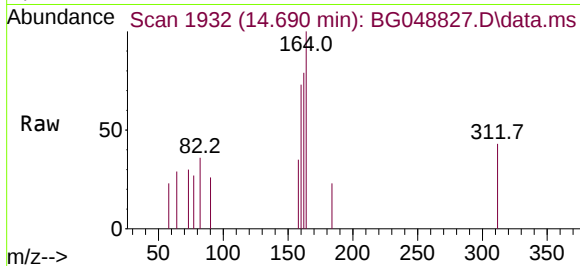




#54
2,4-Dinitrophenol
Concen: 5.34 ng
RT: 14.690 min Scan# 1932
Delta R.T. -0.145 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

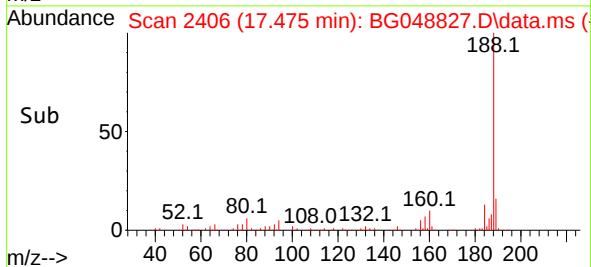
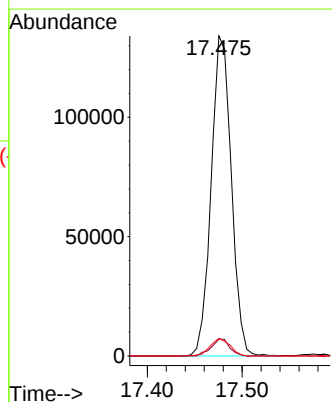
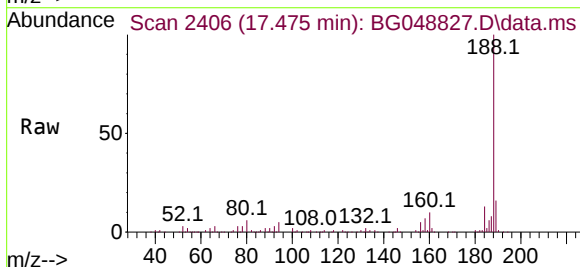
Instrument :
BNA_G
ClientSampleId :
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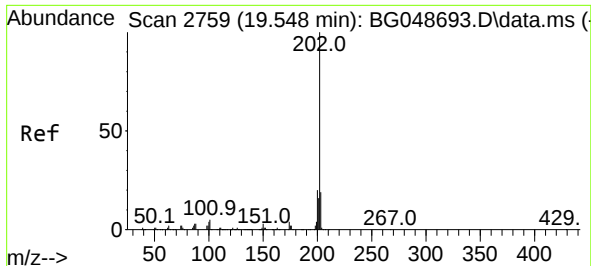
Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	68.3	102.5#
154	0.0	62.6	93.8#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.475 min Scan# 2406
Delta R.T. -0.004 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.2	5.4	8.0#
80	5.5	3.7	5.5#

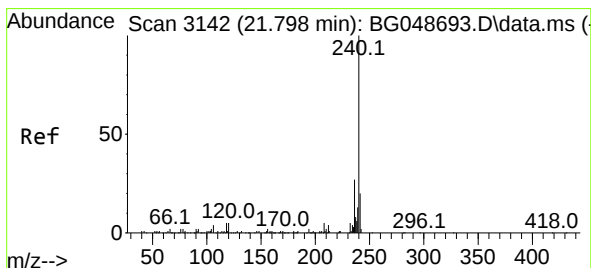
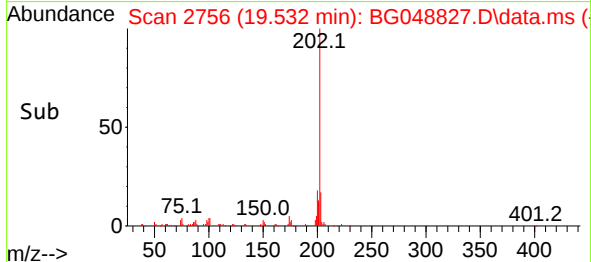
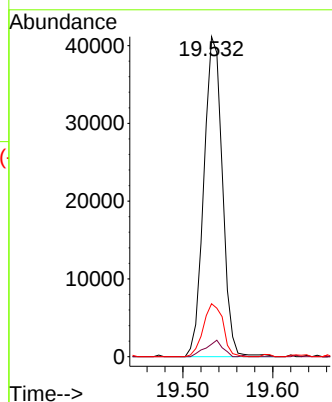
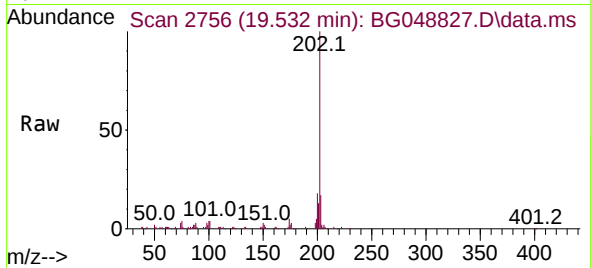




#75
Fluoranthene
Concen: 4.54 ng
RT: 19.532 min Scan# 2756
Delta R.T. -0.004 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

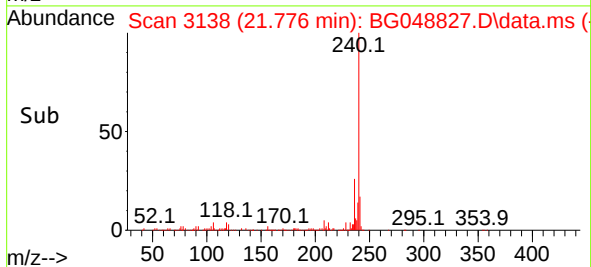
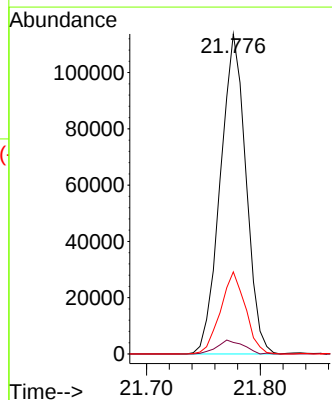
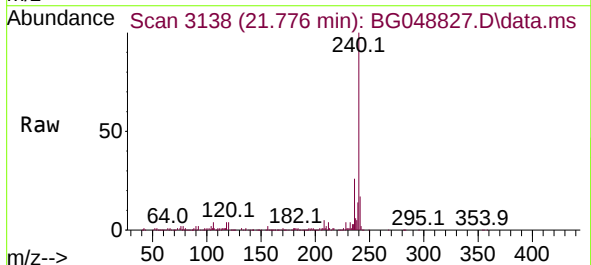
Instrument :
BNA_G
ClientSampleId :
WC-1

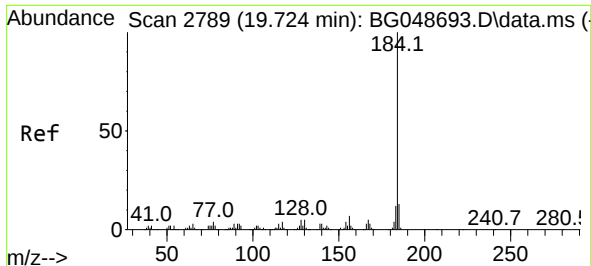
Tgt Ion:202 Resp: 58911
Ion Ratio Lower Upper
202 100
101 3.9 0.0 24.7
203 16.6 0.0 38.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.776 min Scan# 3138
Delta R.T. -0.004 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

Tgt Ion:240 Resp: 178067
Ion Ratio Lower Upper
240 100
120 3.6 4.2 6.2#
236 25.7 21.8 32.6

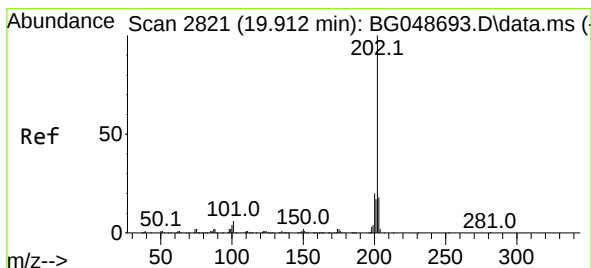
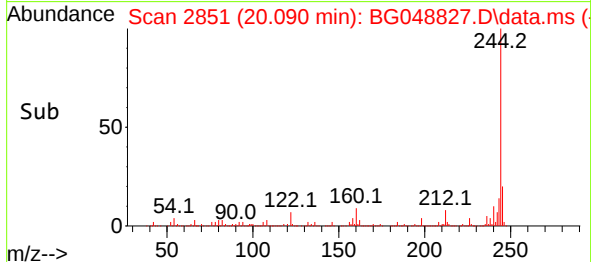
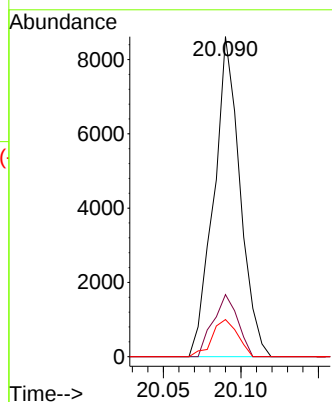
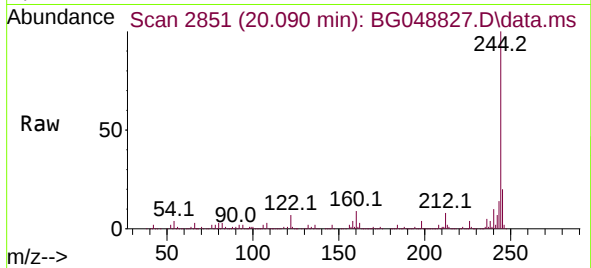




#77
Benzidine
Concen: 2.09 ng
RT: 20.090 min Scan# 2851
Delta R.T. 0.378 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

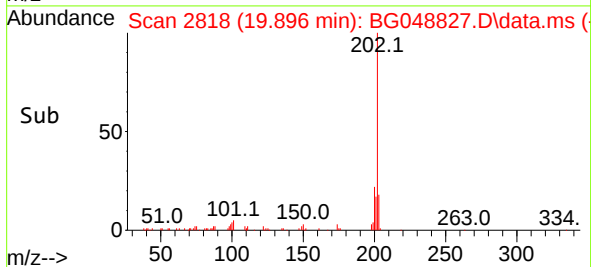
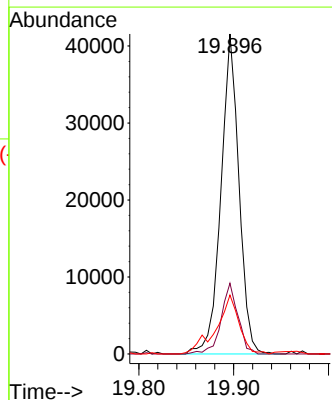
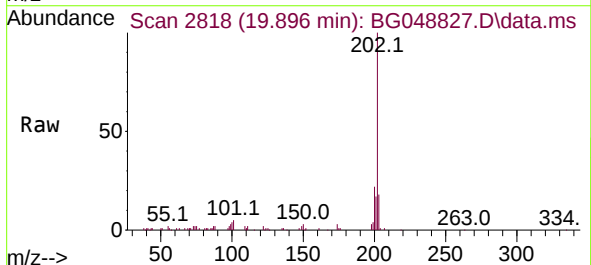
Instrument :
BNA_G
ClientSampled :
WC-1

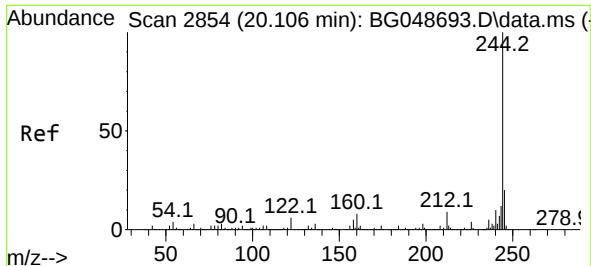
Tgt Ion:184 Resp: 10097
Ion Ratio Lower Upper
184 100
185 19.4 10.7 16.1#
183 11.6 9.4 14.0



#78
Pyrene
Concen: 4.47 ng
RT: 19.896 min Scan# 2818
Delta R.T. -0.004 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

Tgt Ion:202 Resp: 55065
Ion Ratio Lower Upper
202 100
200 22.1 15.8 23.8
203 18.4 14.6 21.8

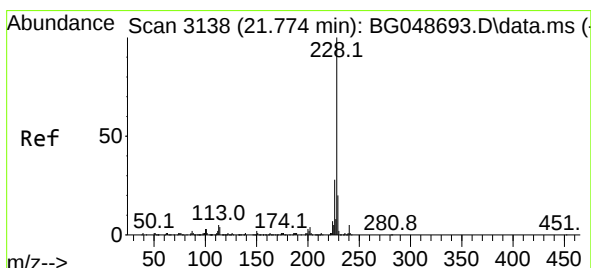
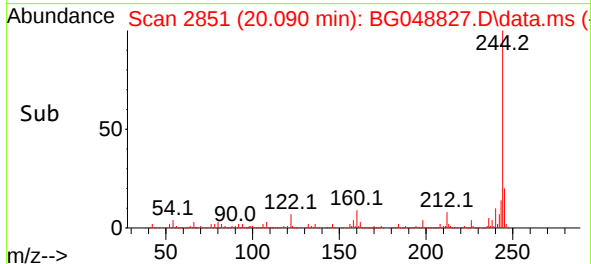
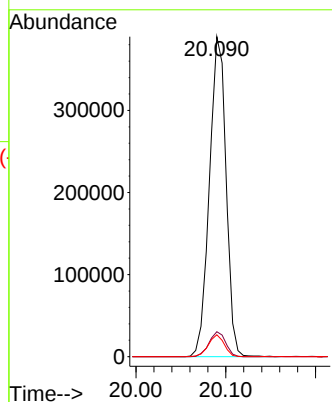
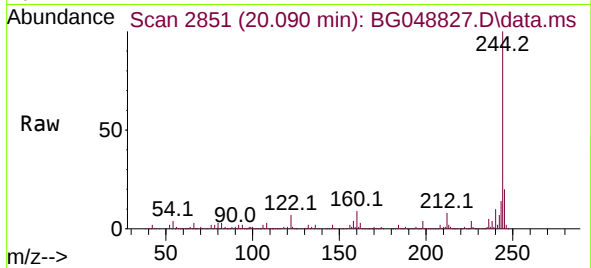




#79
 Terphenyl-d14
 Concen: 48.50 ng
 RT: 20.090 min Scan# 2851
 Delta R.T. -0.004 min
 Lab File: BG048827.D
 Acq: 21 Apr 2021 20:06

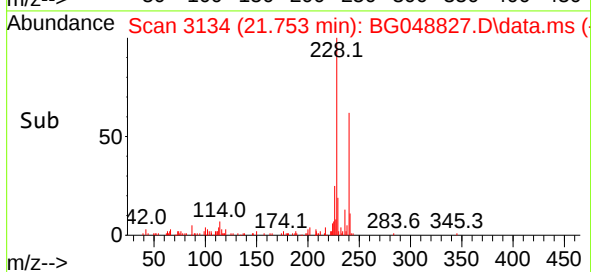
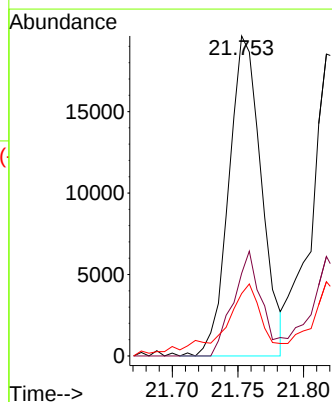
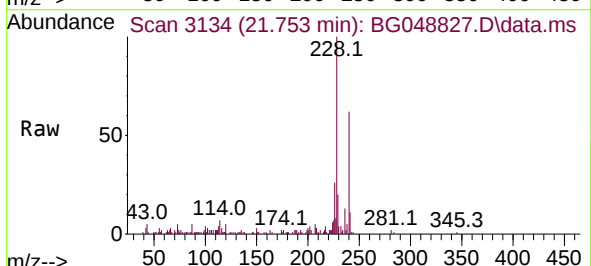
Instrument :
 BNA_G
 ClientSampleId :
 WC-1

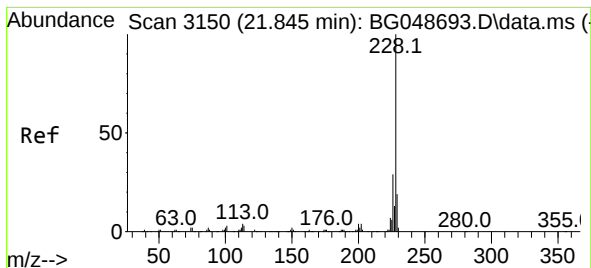
Tgt Ion:244 Resp: 501813
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.9 10.3
 122 6.9 5.0 7.6



#81
 Benzo(a)anthracene
 Concen: 2.79 ng
 RT: 21.753 min Scan# 3134
 Delta R.T. -0.004 min
 Lab File: BG048827.D
 Acq: 21 Apr 2021 20:06

Tgt Ion:228 Resp: 33907
 Ion Ratio Lower Upper
 228 100
 226 25.8 22.7 34.1
 229 19.5 16.0 24.0





#83

Chrysene

Concen: 2.93 ng

RT: 21.753 min Scan# 3134

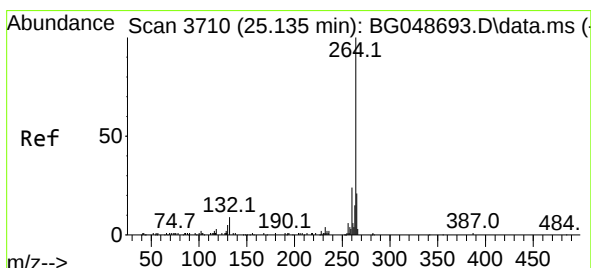
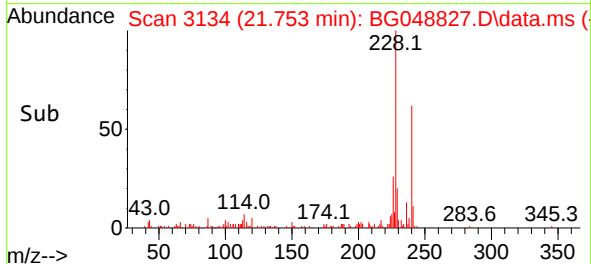
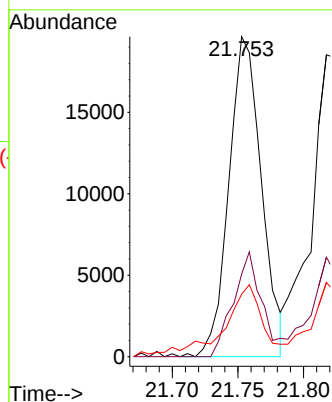
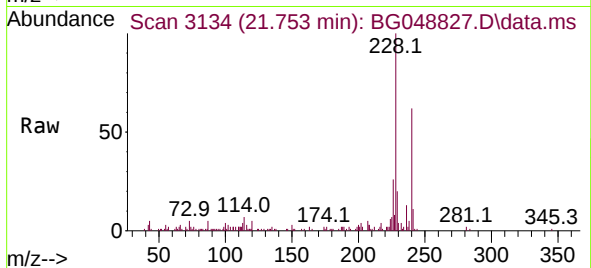
Delta R.T. -0.075 min

Lab File: BG048827.D

Acq: 21 Apr 2021 20:06

Tgt Ion:	228	Resp:	33907
Ion Ratio	Lower	Upper	
228	100		
226	25.8	23.1	34.7
229	19.5	15.3	22.9

Instrument :
BNA_G
ClientSampled :
WC-1



#86

Perylene-d12

Concen: 20.00 ng

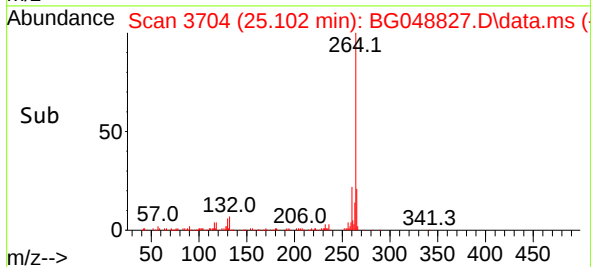
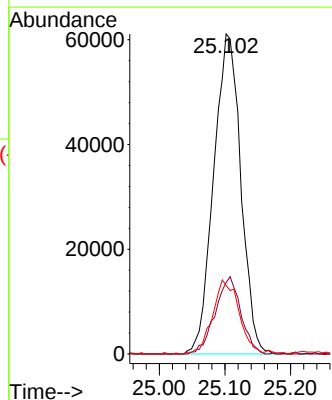
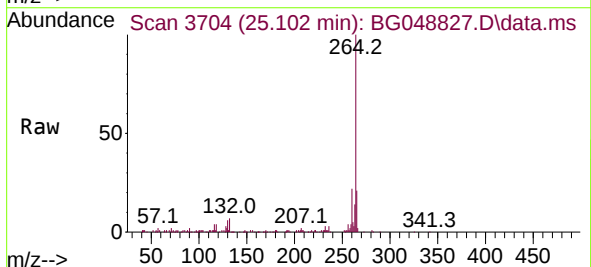
RT: 25.102 min Scan# 3704

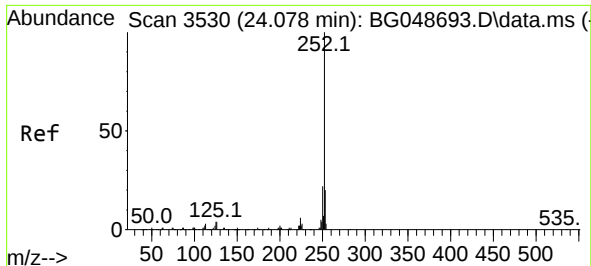
Delta R.T. -0.010 min

Lab File: BG048827.D

Acq: 21 Apr 2021 20:06

Tgt Ion:	264	Resp:	175187
Ion Ratio	Lower	Upper	
264	100		
260	22.3	19.4	29.2
265	21.4	16.9	25.3

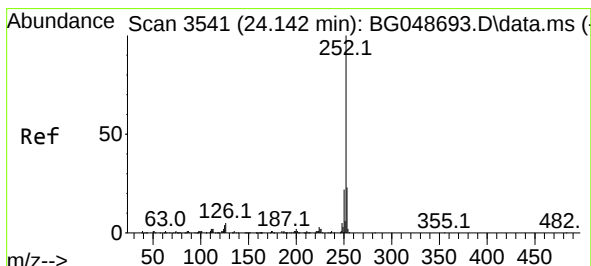
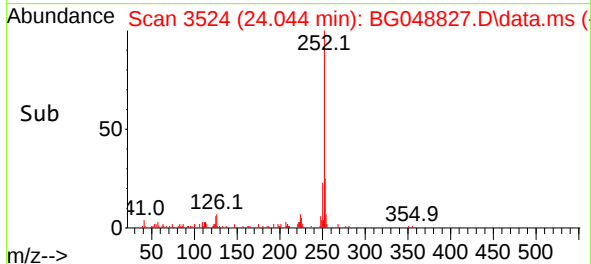
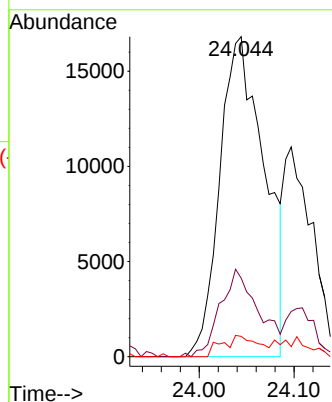
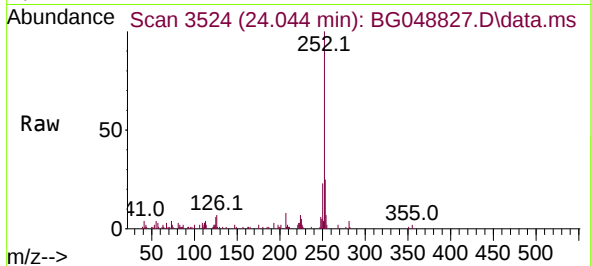




#88
Benzo(b)fluoranthene
Concen: 4.62 ng
RT: 24.044 min Scan# 3524
Delta R.T. -0.004 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

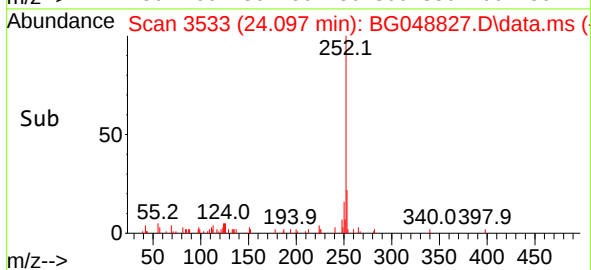
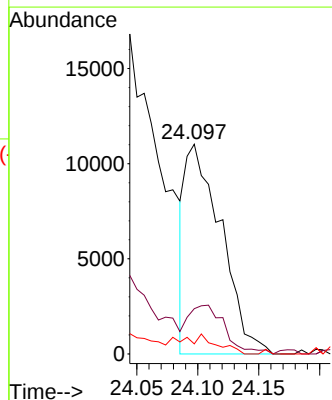
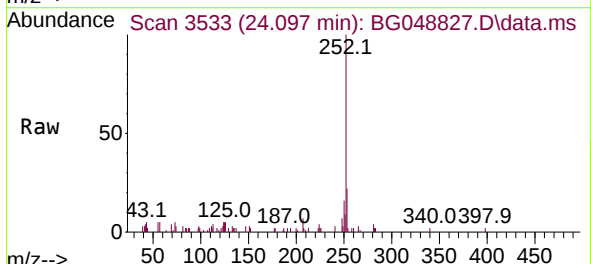
Instrument :
BNA_G
ClientSampled :
WC-1

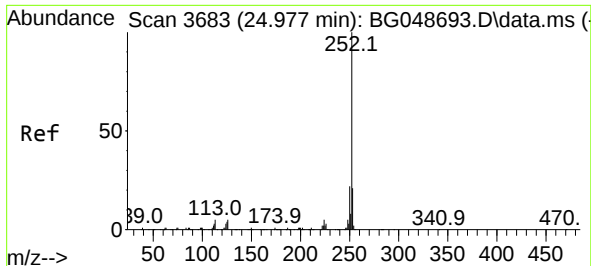
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	16.2	24.4#
125	6.4	3.0	4.4#



#89
Benzo(k)fluoranthene
Concen: 2.02 ng
RT: 24.097 min Scan# 3533
Delta R.T. -0.022 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	4.8	3.1	4.7#

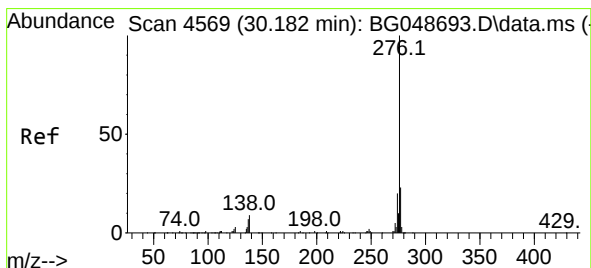
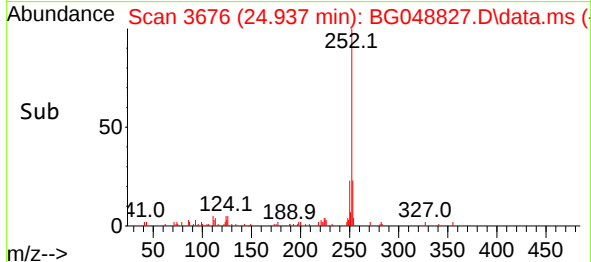
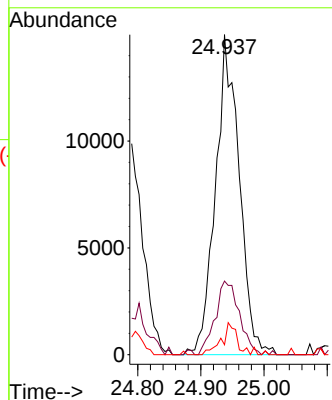
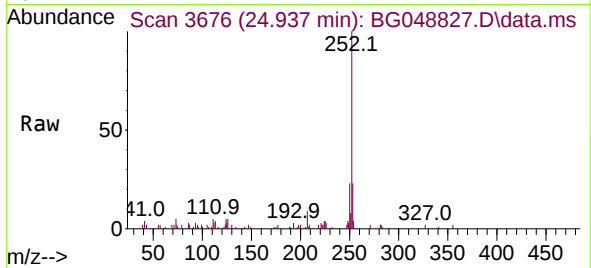




#90
Benzo(a)pyrene
Concen: 3.57 ng
RT: 24.937 min Scan# 3676
Delta R.T. -0.016 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

Instrument :
BNA_G
ClientSampled :
WC-1

Tgt Ion:252 Resp: 39133
Ion Ratio Lower Upper
252 100
253 23.0 16.6 25.0
125 3.1 3.5 5.3#



#92
Benzo(g,h,i)perylene
Concen: 3.05 ng
RT: 30.108 min Scan# 4556
Delta R.T. -0.022 min
Lab File: BG048827.D
Acq: 21 Apr 2021 20:06

Tgt Ion:276 Resp: 33218
Ion Ratio Lower Upper
276 100
277 33.4 18.4 27.6#
138 6.6 7.0 10.6#

